

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional) <b>WW/3-22352/A/PCT</b>	Application Number <b>10/587,583</b>
	Applicant <b>JONATHAN HUGHES ET AL.</b>	
	Filing Date <b>JULY 28, 3006</b>	Group Art Unit

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/KA/	5,552,316	9/96	Savage	435	261	
/KA/	6,217,778	4/01	Shing et al.	210	708	
/KA/	2006/0233031	10/05	Hughes	426	52	
/KA/	2006/0057264	3/06	Hughes et al.	426	495	
/KA/	6,372,805	4/02	Keiser et al.	516	79	
/KA/	4,753,710	6/88	Langley et al.	162	164.3	
/KA/	4,961,825	10/90	Andersson et al.	162	175	
/KA/	4,528,321	7/85	Allen et al.	524	761	
/KA/	5,482,693	1/96	Rushmere et al.	423	328.1	
/KA/	5,176,891	1/93	Rushmere	423	328.1	
/KA/	5,068,418	11/91	Kulprathipanja et al.	562	580	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
/KA/	2004/015145	2/04	PCT/World			U.S.=	
/KA/	2004/015121	2/04	PCT/World			U.S.=	
/KA/	2004/051521	2/04	PCT/World			U.S.=	
/KA/	0 335 575	10/89	Europe				
/KA/	53/058002	11/76	Japan			Abst.	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

/KA/	A. Wilkie et al.; Biomass & Bioenergy, Vol. 19 (2000) pp. 63-102
/KA/	National Renewable Energy Laboratory Report, July 1999, NREL/TP-580-26157
/KA/	National Renewable Energy Laboratory Report, March 2001, 99-10600/14

EXAMINER <i>Luca Arzini</i>	DATE CONSIDERED 11/08/2007
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

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IN AN APPLICATION

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## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/KA/	4,506,062	3/85	Flesher et al.	526	211	
/KA/	4,599,379	7/86	Flesher et al.	524	801	
/KA/	4,720,346	1/88	Flesher et al.	210	734	
/KA/	4,973,842	11/90	Gruen et al.	250	309	
/KA/	4,952,503	8/90	Granstedt	435	161	
/KA/	4,384,897	5/83	Brink	127	37	
/KA/	5,552,316	9/96	Savage	435	261	
/KA/	4,728,613	3/88	Brewer et al.	435	222	
/KA/	4,650,689	3/87	Hedrick	426	600	
/KA/	5,975,439	11/99	Chieffalo et al.	241	17	
/KA/	4,388,150	6/83	Sunden et al.	162	175	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/KA/	Derwent Abstract No. 1978-48300A[27] of JP 53058002 (6/04)

EXAMINER

*Luella Ariza*

DATE CONSIDERED

11/08/2007

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